

# INTERNATIONAL SEARCH REPORT

International Application No

W/IB2004/051065

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H03J7/04

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04B H03J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 148 642 A (NIPPON ELECTRIC CO) 24 October 2001 (2001-10-24) page 2, paragraphs 1,3 page 3, line 4 – line 10 page 8, paragraph 54 – paragraph 59 page 9, paragraph 73 – page 10, paragraph 80 page 12, paragraph 110 ----- WO 03/032516 A (MOTOROLA INC) 17 April 2003 (2003-04-17) page 3, line 9 – line 12 page 9, line 10 – page 10, line 10 page 11, line 21 – page 12, line 23 figure 3 ----- -/--	1-31
Y		1-31

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

29 October 2004

Date of mailing of the International search report

09/11/2004

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**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 317 281 A (MOTOROLA ISRAEL LTD) 18 March 1998 (1998-03-18) cited in the application page 5, line 19 - line 27 -----	1-31
A	US 6 278 867 B1 (DENT PAUL WILKINSON ET AL) 21 August 2001 (2001-08-21) cited in the application claims 1,2 -----	1-31
A	EP 1 241 818 A (MATSUSHITA ELECTRIC IND CO LTD) 18 September 2002 (2002-09-18) cited in the application page 6, paragraph 55 - paragraph 58 -----	1-31

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Information on patent family members

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